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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/017,295	02/02/1998	TOSHIAKI IGARASHI	862.2098	8124

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EXAMINER	
DINH, DUNG C	

ART UNIT	PAPER NUMBER
2152	

DATE MAILED: 08/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/017,295	IGARASHI ET AL.	
	Examiner	Art Unit	
	Dung Dinh	2152	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *09 May 2005*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-3,60,62,64-69,74,75,77-79,84,85 and 87-89* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-3,60,62,64-69,74,75,77-79,84,85,87-89* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Response to Arguments

Applicant's arguments filed 5/9/2005 have been fully considered but they are not persuasive.

Applicant argued that the references do not teach separate sheet with tab which retrieves data upon designating of the tab. The usage of sheet with tab for designating the sheet is well known in the art as evidence by Chang US patent 5,542,040 and the "Windows 95 printer driver operation manual" (IDS submitted 5/25/00). The manual discloses when a user selects one of the tab of the windows, information related to selected tab is displayed.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. § 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> *(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.*

Claims 1-3, 60, 62, 64-69, 74, 75, 77-79, 84, 85, and 87-89, are rejected under 35 U.S.C. 103(a) as being unpatentable

over Marlin et al (US 5,778,377) and "Windows 95 printer driver operation manual" (the '95 Manual).

As set forth in claim 1, Marlin et al disclose a displaying method of acquiring information related to a selected network device of the plurality of network devices, and displaying acquired information of the selected network device, (Marlin does this on the GUI display, see figs. 5 and 8, col.9 line 65 to col.10 line 3), said method comprising: a first display step of acquiring a first information related to the selected network device and displaying the first information on an initial screen of a device window, which is a window allocated to the selected network device (see col.14 lines 33-34 - data related to a particular printer) and a second display step of acquiring, in response to a user request for display of a second screen a second information which in addition and different from the first information ('Double clicking may be used to invoke another report' see col. 14, lines 54-56), from the selected network device and displaying the second information on the second screen; see col. 15, lines 54-66.

Marlin specifically displays a GUI that contains columns and rows displaying the status of the network devices, these devices are polled and the results are subsequently used to update the status of the devices. Furthermore, each of the menu

definitions has a custom menu for each of the functions that can also be displayed and updated; see col. 14, lines 15-41, and lines 50-66, and col. 15, lines 1-66, also see col. 16, lines 54-63 (here when a browser button is pressed, information for a selected DMI object will be displayed in a box (window), in addition description can be gathered for the object though the GUI), col. 15, lines 54-66. Hence, Marlin teaches retrieval of information responsive to activation request by the user.

However, Marlin does not teach using a device window with first and second sheets with tabs for switching between the sheets. However, the usage display window comprising sheets and tabs metaphor is well known in the art at the time of the invention. The '95 Manual discloses the usage of sheets with tabs. Each sheet provides separate and different groups of status information concerning same device (a printer). Each sheet is displayed upon activation of the corresponding tab. Hence, it would have been obvious for one of ordinary skill in the art to use the sheets and tabs with Marlin because it would have enabled the system to organize the display of the dynamically collected into groups that can be efficiently assessable by the user and conforming to the look-and-feel of the Windows operating system at the time. As discussed above, Marlin teaches retrieval of information responsive to activation

request by the user. Hence, it is apparent that Marlin system as modified would retrieve the information associated with the sheet upon selection of the corresponding tab in order to provide data to be displayed in the sheet.

As set forth in claim 2, Marlin et al disclose a network device control apparatus for acquiring information related to a selected network device of the plurality of network devices, and displaying the acquired information of the selected network device (Marlin does this on the GUI display, see figs. 5 and 8), comprising: a first display unit for acquiring a first information related to the selected network device and displaying the first information on an initial screen of a device window, which is a window allocated to the selected network device, (see col.14 lines 33-34 - data related to a particular printer), and a second display unit for acquiring, in response to a user request for display of a second screen in addition and different from the initial screen after displaying the first information (double clicking may be used to invoke another report, update a dialogue box, display a byte map, etc.; see col. 14, lines 54-56), a second information different from the first information from the selected network device and displaying a second information on the second screen; also see col. 16, lines 54-63 (here when a browser button is

pressed information for a selected DMI object will be displayed in a box). Hence, Marlin teaches retrieval of information responsive to activation request by the user.

Marlin does not teach using a device window with first and second sheets with tabs for switching between the sheets. The obvious rationale is the same as stated for claim 1 above.

As set forth in claim 3, Marlin et al disclose a computer-readable recording medium storing a program for implementing an acquiring method of acquiring information related to a selected network device of a plurality of network devices, and a displaying method of displaying acquired information, the program (Marlin does this on the GUI display, see figs. 5 and 8, col.9 line 65 to col.10 line 3), comprising: program code for a first display step of acquiring a first information related to the selected network device and displaying the first information on an initial screen of a device window, which is a window allocated to the selected network device (col.14 lines 33-34); and program code for a second display step of acquiring, in response to a user request for display of a second screen different from the initial screen after displaying the first information ('Double clicking may be used to invoke another report, update a dialogue box, display a byte map, etc.', see col. 14, lines 54-56), a second information, in addition and

different from the first information, from the selected network device and displaying the second information on the second screen. (Marlin specifically displays a GUI that contains columns and rows displaying the status of the network devices, these devices are polled and the results are subsequently used to update the status of the devices. Furthermore, each of the menu definitions has a custom menu for each of the functions that can also be displayed and updated; see col. 14, lines 15-41, and lines 50-66, and col. 15, lines 1-66, also see col. 16, lines 54-63 (here when a browser button is pressed information for a selected DMI object will be displayed in a box (window), in addition description can be gathered for the object through the GUI, col. 1 5, lines 54-66. Hence, Marlin teaches retrieval of information responsive to activation request by the user.

Marlin does not teach using a device window with first and second sheets with tabs for switching between the sheets. The obvious rationale is the same as stated for claim 1 above.

As set forth in claim 60, Marlin discloses a displaying method wherein said first display step includes forming a list of information required for display of the initial screen, acquiring listed information, and storing the acquired

information in memory; see col. 14, lines 15-41, and lines 50-66, and col. 1 5, lines 1-66), also see col. 16, lines 54-63 (the information is arranged in columns and rows, as well as having a tool bar located on the GUI, the GUI further has the ability to bring up reports on an object by double clicking on a location on the display; see col. 14, lines 52-56, in addition description can be gathered for the object through the GUI, the information is stored in a database the is updated periodically or that can be queried when needed, Col. 15, lines54-66.

As set forth in claim 62, Marlin discloses a displaying method wherein said first display step includes forming a list of information required for display of the second screen, acquiring listed information, and storing the acquired information in memory; see col. 14, lines 15-41, and lines 50-66, and col. 1 5, lines 1-66), also see col. 16, lines 54-63 (the information is arranged in columns and rows, as well as having a tool bar located on the GUI, the GUI further has the ability to bring the reports on an object by double clicking on a location on the display; see col. 14, lines 52-56, in addition description can be gathered for the object through the GUI, the information is stored in a database the is updated periodically or that can be queried when needed, Col. 15, lines 54-66.

As set forth in claim 64, Marlin discloses a displaying method further comprising a determination step of determining whether information is to be acquired from the selected network device. [Each component has a Management information format (MIF) file and is made available for responding to management commands, this information for use with the system can be dynamic information ("to obtain current values of dynamically changing attributes, the DMI makes available "Component instrumentation") code for acquiring the attribute value from the source (see col. 13, 39-45) or a memory storing information acquired from the selected network device (static information can be obtained about the device, or the database can be queried; see col. 14, lines 52-56, also see col. 5, lines 19-31.]

As set forth in claim 65, Marlin discloses a displaying method wherein said first display step or said second display includes acquiring information from the selected network device, if it is determined that information is to be acquired from the selected network device, or acquiring information from the memory, if it is determined that information is to be acquired from the memory (each component has a Management information format (MIF) file and is made available for responding to management commands, this information for use with the system

can be dynamic information ("to obtain current values of dynamically changing attributes, the DMI makes available "Component instrumentation"); code for acquiring the attribute value from the source (see col. 13, 39-45) or a memory storing information acquired from the selected network device (static information can be obtained about the device, or the database can be queried; see col. 14,lines 52-56).

As set forth in claim 66, Marlin discloses a displaying method wherein said second display step is executed if a tab is clicked on a device window; see col. 14, lines 42-49 (toolbar and GUI discussed).

As set forth in claim 67, Marlin discloses a displaying method wherein the initial screen is a screen that displays a status of the selected network device, a screen that displays a list of jobs, a screen that displays a manufacturer, a product name, an installation location, a product version, or a toner cartridge model, or a screen that displays information about a network interface board or information about a network protocol; see col. 13, lines 9-59 (this passage discusses the getting static and dynamic information about the component).

As set forth in claim 68, Marlin discloses a displaying method wherein the second screen is a screen that displays a status of the selected network device, a screen that displays a

list of jobs, a screen that displays a manufacturer, a product name, an installation location, a product version, or a toner cartridge model, or a screen that displays information about a network interface board or information about a network protocol; see col. 13, lines 9-59 (this passage discusses the getting static and dynamic information about the component).

As set forth in claim 69, Marlin discloses a displaying method further comprising a search step of searching for network devices connected to a network and displaying a list of the network devices, wherein said first display step is executed when one of the network devices on the list is selected by a user (a device can be queried, and polling will automatically retrieve information about devices collected to the network', see col. 14, lines 15-40).

As set forth in claim 74, Marlin discloses an apparatus further comprising a determination unit (such a device would be present to determine whether a requested device is static or dynamic information) for determining whether information is to be acquired from the selected network device or a memory storing information acquired from the selected network device (each component has a Management information format (MIF) file and is made available for responding to management commands, this information for use with the system can be dynamic information

or obtain current values of dynamically changing attributes, the DMI makes available "component instrumentation" code for acquiring the attribute value from the source. (See col. 13, 39-45) or a memory storing information acquired from the selected network device (static information can be obtained about the device, or the database can be queried); see col. 14, lines 52-56, also see col.5, lines 19-31.

As set forth in claim 75, Marlin discloses an apparatus wherein said first display unit or said second display unit acquires information from the selected network device, if it is determined that information is to be acquired from the selected network device, or acquires information from the memory, if it is determined that information is to be acquired from the memory (each component has a Management information format (MIF) file and is made available for responding to management commands, this information for use with the system can be dynamic information to obtain current values of dynamically changing attributes, the DMI makes available "component instrumentation" code for acquiring the attribute value from the source. (See col. 13, 39-45) or a memory storing information acquired from the selected network device (static information can be obtained about the device, or the database can be queried); see col. 14, lines 52-56, also see col.5, lines 19-31.

As set forth in claim 77, Marlin discloses an apparatus wherein the initial screen is a screen is a screen that displays a status of the selected network device, a screen that displays a list of jobs, a screen that displays a manufacturer, a product name, an installation location, a product version, or a tone cartridge model, or a screen that displays information about a network interface board or information about a network protocol; see col. 13, lines 9-59 (this passage discusses the getting static and dynamic information about the component).

As set forth in claim 78, Marlin discloses an apparatus, wherein the second screen is a screen that displays status of the selected network device, a screen that displays a list of jobs, a screen that displays a manufacturer, a product name, an installation location, a product version, or a tone cartridge model, or a screen that displays information about a network interface board or information about a network protocol', see col. 13, lines 9-59 (this passage discusses the getting static and dynamic information about the component).

As set forth in claim 79, Marlin discloses an apparatus further comprising: a search unit for searching for network devices connected to a network; and a display for displaying a list of the network devices, wherein said first display unit executes acquisition of the first information when one of the

listed network devices is selected by a user (a device can be queried, and polling will automatically retrieve information about devices connected to the network; see col. 14, lines 15-40).

As set forth in claim 84, Marlin discloses a recording medium further comprising program code for a determination step of determining step of determining whether information is to be acquired from the selected network device or a memory storing information acquired from the selected network device (each component has a Management information format (MIF) file and is made available for responding to management commands, this information for use with the system can be dynamic information to obtain current values of dynamically changing attributes, the DMI makes available "component instrumentation" code for acquiring the attribute value from the source. (See col. 13, lines 39-45) or a memory storing information acquired from the selected network device (static information can be obtained about the device, or the database can be queried); see col. 14, lines 52-56, also see col. 5, lines 19-31.

As set forth in claim 85, Marlin discloses a recording medium wherein the first display step or the second display step or the second display step includes acquiring information from the selected network device, if it is determined that

information is to be acquired from the selected network device, or acquiring information from the memory, if it is determined that information is to be acquired from the memory (each component has a Management information format (MIF) file and is made available for responding to management commands, this information for use with the system call be dynamic information to obtain current values of dynamically changing attributes, the DMI makes available "component instrumentation" code for acquiring the attribute value from the source. (See col. 13, 39-45) or a memory storing information acquired from the selected network device (static information can be obtained about the device, or the database can be queried); see col. 14, lines 52-56, also see col. 5, lines 19-31.

As set forth in claim 87, Marlin discloses a recording medium wherein the initial screen is a screen that displays a status of the selected network device, a screen that displays a list of jobs, a screen that displays a manufacturer, a product name, an installation location, a product version, or a toner cartridge model, or a screen that displays information about a network interface board or information about a network protocol; see col. 13, lines 9-59 (this passage discusses the getting static and dynamic information about the component).

As set forth in claim 88, Marlin discloses a recording medium wherein the second screen is a screen that displays a status of the selected network device, a screen that displays a list of jobs, a screen that displays a manufacturer, a product name, an installation location, a product version, or a toner cartridge model, or a screen that displays information about a network interface board or information about a network protocol, see col. 13, lines 9-59 (this passage discusses the getting static and dynamic information about the component).

As set forth in claim 89, Marlin discloses a recording medium further comprising: program code for a search step of searching for network devices connected to a network; and program code for a display step of displaying a list of the network devices, wherein said first display step is executed when one of the listed network devices is selected by a user (a device can be queried, and polling will automatically retrieve information about devices connected to the network; see col. 14, lines 15-40).

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL.** See MPEP § 706.07(a). Applicant is

reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

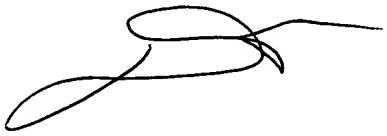
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dung Dinh whose telephone number is (571) 272-3943. The examiner can normally be reached on Monday-Friday from 7:00 AM - 3:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenton Burgess can be reached at (571) 272-3949.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on

access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Dung Dinh
Primary Examiner
July 28, 2005